| POSITION                  | INITIALS | ID NO. | DATE       |  |  |  |  |  |
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| FORMALITY REVIEW          | 117      | TC 916 | 06-22-01   |  |  |  |  |  |
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## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Months North | Al/AII ABIF | PARI |
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| = | Allowed                    | ı | Intelle ince | AVAILABLE   | COPY |
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|----------|----------|--|--------------|--------------------|---------|----------|----------|--------------|----------|----------|-----------|------------|---------------|----------|----------|-------------------|----------|--|--------------|----------|----------------|--|----------------|----------|-----|---------------|------------|--------------|--------------|----------|--|----------|----------|--|----------|----|
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| Final    | Original | 9  |              | 3/20/03            |         |          |          |              |          |          | -         |            | Final         | Original | 61       | 7. 3.134/1/2 / H. | 3        |  |              |          |                |  |                |          |     |               | Originat   |              |              |          |  |          |          |  |          |    |
| -        |          |  | 4            | +                  | +       | - -      | -        | 4            | +        | 1        | +         |            | <u> </u>      | 51       | 1        | 7                 | 4        | 4  | -            | ↓        | ↓_             | ↓_   | ↓_             | Ш        | ļ   |               | 101        | 4_           | 1            |          | Ļ  |          | <u> </u> | -  | _        | _  |
| _        | 3        |  | +            | ₩                  |         | -        | -        | +            | +        | $\perp$  | -         | -          | $\vdash$      | 52<br>53 | H        | $\Box$            | +        |  | -            | ┼        | $\vdash$       | $\vdash$   | 1              | $\sqcup$ |     | $\overline{}$ | 102        | -            | $\vdash$     | ┡        | <u> </u>   |          | <u> </u> | ļ  | <u> </u> | _  |
| -        | 4        |  | +            | ₩                  | +       | +        | +        | +            | +        | +        | ╁         | 4          | -             | 54       | H        | $\sqcup$          | +        | +  | 1            | +        | ╄              |  | <del> </del> - | $\vdash$ |     |               | 103<br>104 | 1            | +            |          | <u> </u>   |          | <u> </u> | <u> </u>                                     | ⊢        | ⊢  |
| $\vdash$ | 5        | -  | +            | ╂┼                 | +       | +-       | +-       | ┿            | +        | +        | +         | 1          | -             | 55       | -        | H                 | +        | +  | +-           | ╁╌       | ╁              | ┼  | ╁              | $\vdash$ |     |               | 105        | +-           | +            | $\vdash$ | ╁  |          |          | ├  | ⊢        | ⊢  |
| <u> </u> | 6        |  | ╁            | ╫                  | ┿       | +        | ┿        | +-           | +-       | +        | +         | -          | -             | 56       |          | ╫                 | +        | +  | +-           | ╁        | +              |  | ╀              | $\vdash$ |     |               | 106        | +            | +            | ┼─       | ⊢  | ┝        | -        | <del> </del>                                 | ⊢        | ⊢  |
| -        | 7        |  | +            | H                  | +       | +        | +        | +-           | +        | +        | +         | 1          | -             | 57       |          | H                 | +        | +  | +            | ╁        | +-             | ╁  | ╁              | $\vdash$ | ŀ   |               | 107        | +            | +            | ╁        | ├-   | -        | $\vdash$ | ⊢  | ⊢        | ⊢  |
| .  -     | 8        |  | ✝            | H                  | +       | +        | +-       | +            | ╈        | +        | ╁         | 1          | -             | 58       | -        | H                 | +        | +  | +            | +        | -              | †  | +              | $\vdash$ |     |               | 108        | +            | +-           | ╁╌╴      | ┼  | $\vdash$ | 1        | $\vdash$                                     | ┢        | ╁╴ |
|          | 7 9      | -+-  | $^{\dagger}$ | H                  | $\top$  | +        | $\top$   | +            | +        | +-       | $\dagger$ | 1          | -             | (59      | Ы        | H                 | $\top$   | †  | +            | +        | +-             | 1  | $\vdash$       | Н        | ł   |               | 109        | +            | ╁╌           | ╁╌╴      | -  | H        |          | Н  | $\vdash$ | ┢  |
|          | 10       | ++   |              | H                  | $\top$  | 1        | T        | 1            | $\top$   | +        | 1         | 1          |               | 60       | -        | П                 | $\top$   | T  | 1            | $\top$   | 1              | <del>                                     </del> | 1              | $\Box$   | Ì   |               | 110        | +            | +            | ╁        | $\vdash$   |          |          |  | $\vdash$ | T  |
| ·厂       | 11       | 1  | T            | П                  | ┰       | 1        | 7        | 1            |          | T        |           | 1          |               | 61       | П        | П                 | П        | T  |              | 1        | T              |  | 1              | П        | Ì   |               | 111        | 1            | 1            | İ        | T  | 1-       |          | $\vdash$                                     | t        | T  |
|          | 12       | П  | Ι            | П                  |         | Ι        |          |              |          | Ι        |           |            |               | 62       | П        |                   |          |  |              |          |                |  |                | П        |     |               | 112        | 1            | T            |          | <del>                                     </del> | Г        |          |  | Г        | Г  |
|          | 13       |  | I            | $\coprod$          |         |          | $\perp$  |              | I        | Ι        |           |            |               | 63       |          | I                 |          | I  | Γ            |          |                | Γ  |                |          | Ī   |               | 113        | I            | Γ            |          |  |          |          |  |          |    |
| L        | 14       |  | Ţ            | Щ                  | $\perp$ | L        | L        | Ĺ            | $\perp$  | I        |           | ]          |               | 64       |          |                   | Щ        |  |              |          |                |  |                |          |     |               | 114        | $oxed{\Box}$ |              |          |  |          |          |  | Ĺ        |    |
| L        | 15       |  | Ц            | Щ                  | $\perp$ | _        | 1        | L            |          | $\perp$  | L         | 1          |               | 65       | Ц        | Ш                 | Щ        | 1  |              | L        |                | L  |                | Ц        | [   |               | 115        |              |              |          |  |          |          |  | L        | Ľ  |
| <b>L</b> | 16       | Щ  | Ц            | Щ                  | $\perp$ | _        | ↓        | 1            | $\perp$  | $\perp$  | _         | ]          | $\perp$       | 66       | Ц        | Ц                 | $\perp$  | ┶  | 1_           | _        | _              | <u> </u>   | _              | Ш        |     |               | 116        | _            | _            |          |  |          | L        |  | L        | L  |
| ļ        | 17       | #  | Н            | Щ                  | ┸       | $\bot$   | +        | ـــ          | _        | ╄        | _         | 1          | ļ             | 67       | Ц        | Ц                 | 1        | ╄  | _            | 1        | L              | <u>Ļ</u>   | <u> </u>       | Ш        | -   | _             | 117        | <u> </u>     | 1_           | <u> </u> | L  |          |          | _  | L        | L  |
| <u> </u> | 18       | -  | Н            | 4                  | 4-      | _        | +        | 1            | $\bot$   | ╄        | ļ         |            | -             | 68       | Ц        | Н                 | ╀-       | 1  | 1            | <u> </u> | <del> </del> _ | ↓_   | <u> </u>       |          | ļ   |               | 118        | ↓_           | -            | ļ        | _  |          | <u> </u> | <u> -                                   </u> | ·-       | Ŀ  |
|          | 19       |  | Н            | 4                  | ╀       | ┿.       | +-       | ╄            | 4-       | 1        | ╄         | 4          | $\vdash$      | 69       | Ц        | Ц                 | $\perp$  | 1  | ╄            | -        | Ļ              | <u> </u>   | L.             |          | -   | _             | 119        | -            | ـ            | <u> </u> | <u> </u>   | <u> </u> | _        | Ŀ  | 上        | L  |
| <u></u>  | 20       | 4  | Ц            | $\perp$            | 4       | ┸        | 1        | 4_           | _        | 1        | _         |            | _             | 70       | Ц        | Ц                 | _        | 1  | ┖            |          |                |  | L              | Ц        | į.  | _             | 120        | ┖            | L            | _        | L  | L_       |          | L  | L        | L  |
| ŀ-       | 21       | $\!$ | Ц            | 4-                 |         | 1        | ╀        | ╄            | $\perp$  | ↓_       | <u> </u>  |            | $\vdash$      | 71       | Ц        | Ц                 | 1        | 1  | ↓_           | <u> </u> | ļ              | <u> </u>   | _              |          | -   |               | 121        | <u> </u>     | ļ            |          | L  | <u> </u> | _        | -  |          | Ŀ  |
| $\vdash$ | 22       | Н  | H            | 4                  | +       | $\perp$  | ╁        | -            | ╀        | ╀        | <u> </u>  | -          | <u> </u>      | 72       | Н        | Н                 | ╄        | ╁  | ╁_           | -        |                | <u> </u>   |                | Н        | -   |               | 22         | ╀            | 1            | <u> </u> | ļ  | ļ        |          | ļ.,  | Ш        | L. |
| <u> </u> | 23<br>24 | ₩  | Н            | 4                  | +       | 1-       | -        | ╀            | +-       | ╀        | _         | -          | $\vdash$      | 73<br>74 | H        | ₽                 | ╁-       | ╀  | <del> </del> |          | <u> </u>       | ⊢  | H              | Н        | -   |               | 123        | ╀            | -            | -        | <u> </u>   | <u> </u> | _        | _  | $\sqcup$ |    |
| Ŀ        | _        | ╀  | H            | +                  | +       | +        | ╀        | ╁            | +-       | ┼        | ├         | 1          |               | 75       | H        | ╁                 | ╁        | ┼  | -            | ├-       | -              | ┝  | Н              | Н        | -   |               | 124        | 1            | ┝            | ⊢        | <u> </u>   | L        | <u> </u> |  | Н        | 1  |
| H        | 25<br>26 | +  | H            | ╫                  | ╁       | ╁        | +        | +            | ╬        | ╄        | -         | 1          | -             | 76       | ⊬        | H                 | +        | ╀  | ┢┈           | -        | _              | ┝  | Н              | $\vdash$ | -   |               | 125        | ╁            | ⊢            | ├-       |  | <u> </u> | H        | <u> </u>                                     | Н        | H  |
| $\vdash$ | 27       | Н  | Н            | ╁                  | +       | +        | ╁        | +            | ┼        | ╁        | ╢         | ł          | $\vdash$      | 77       | ⊬        | H                 | ╫        | +  | -            |          | -              | -  | Н              | Н        | H   |               | 26<br>27   | ╁            | ┢            |          |  |          | H        | -  |          | ┝  |
| ┢        | 28       | Н  | ┨            | ╁                  | ╁       | +-       | + .      | ╁            | ╁        | +        |           | 1          | H             | 78       | #        | H                 | +        | $\vdash$   | ⊢            | ⊢        |                | -  | -              | H        | ŀ   |               | 28         | ┢            | ╁            |          | H  |          |          | -  | Н        | ┝  |
|          | 29       | $\dagger$  | H            | +-                 | +       | ╁        | +        | +            | +        | ╁╌       |           | ĺ          | H             | 79       | ٠,       | 7                 | ╁╴       | <del>                                     </del> | 一            |          | -              | H  | Н              | Н        | ŀ   |               | 29         | $\vdash$     | ┢            | -        | $\vdash$   |          |          | -  | $\vdash$ | ┢  |
| -        | 30       | H  | H            | +                  | ╅       | +        | ╁        | 1            | ╁        | $\vdash$ | 1         |            | +             | 80       | ÷        | -                 | ╁        | <del> </del>                                     | -            | -        | _              | -  | Н              | Н        | -   |               | 30         | $\vdash$     | <del> </del> | $\vdash$ |  |          | _        | -  |          | 1  |
|          | 31       | +  | Ħ            | +                  | +       | +        | t        | 十            | +        | $t^-$    |           |            | Н             | 81       |          |                   | †        | <del>                                     </del> | <del> </del> | $\vdash$ | _              |  |                | Н        | ŀ   | $\rightarrow$ | 31         |              | H            | $\vdash$ |  |          |          |  |          | г  |
|          | 32       | T  | It           | $\top$             | †       | $\top$   | T        | 1            | 1        | T-       |           |            | $\Box$        | 82       | _        | -                 | ⇈        | 1  | 1            |          |                |  | Н              | Н        | F   |               | 32         | $\vdash$     | $\vdash$     |          |  |          | _        |  | П        | Г  |
|          | 33       | T  | П            | 1                  | 1       | 1        |          |              |          |          |           | 1          | П             | 83       |          | Г                 |          | 1  | Г            |          |                |  |                | П        | Ī   |               | 33         |              | $\vdash$     |          |  |          |          |  | П        | Г  |
|          | 34       | Ι  |              | Ι                  | Ι       | L        |          |              |          |          |           |            |               | 84       |          |                   |          |  |              |          |                |  |                |          | ı   | 1             | 34         | Ĺ            |              |          |  |          |          |  |          |    |
|          | 35       | $\perp$  | $\prod$      | $oxed{\mathbb{I}}$ |         |          |          |              |          |          |           | İ          |               | 85       |          |                   |          |  |              |          |                |  |                |          |     |               | 35         |              |              |          |  |          |          |  |          |    |
|          | 36       | $\perp$  | $\prod$      | L                  | L       |          |          |              |          |          |           |            | $\Box$        | 86       |          |                   |          |  |              |          |                |  |                | $\Box$   |     |               | 36         |              |              |          |  |          |          |  |          |    |
|          | 37       | $\perp$  | J            | L                  | L       |          |          |              | _        | L        |           |            |               | 87       | _        |                   | L        | _  |              | L        |                |  |                | $\Box$   |     | _             | 37         |              | Ĺ            |          |  |          |          |  |          | _  |
|          | 38       | 1 1  | v            |                    | $\perp$ | <u>L</u> | L        | L            | 1_       | L        | Ш         |            | $\rightarrow$ | 88       |          | L.,               | _        |  |              |          |                | Ш  |                | _        | _   |               | 38         | <u> </u>     | _            |          |  |          |          |  |          |    |
|          | 39       | 4  | 2            | <u>'</u> _         | $\perp$ | <u> </u> | <u> </u> | <u> </u>     | ↓_       | <u> </u> | Ц         |            | $\vdash$      | 89       | _        |                   | $\vdash$ | <u> </u>   | <u> </u>     | ļ        |                | $\Box$   | Ц              | _        | L   | _             | 39         | _            | _            |          |  |          | Ц        |  | $\dashv$ |    |
| _        | 40       | 4  | 2            | 上                  | 1       | 二        | _        |              | 厂        | _        |           | _          |               | 90       | _        |                   | L        |  |              |          |                |  |                | 士        | - L |               | 40         |              |              |          |  |          |          |  |          |    |
|          | 41       | Щ  | 1            | 1                  | _       | _        | Ľ        |              | $\perp$  | _        | Ш         |            |               | 91       |          |                   | L        | Ш  | Ш            |          |                | Ш  |                | $\Box$   | L   | _             | 41         | <u> </u>     | L            |          |  |          |          | ╝  |          |    |
| _        | 42       | 4  | Ц.           | <u> </u>           | ↓_      | <u> </u> | <u> </u> | ļ            | _        | L        | Ц         |            |               | 92       |          |                   | _        |  |              | _        | _              |  |                | _        | _   |               | 42         |              | _            |          |  | _        |          | _  |          | _  |
| _        | 43       | Ш  | μ.           | ↓_                 |         | _        | $\vdash$ | <u> </u>     | _        | L        | Щ         |            |               | 93       | _        |                   | _        | _  |              | Щ        | $\dashv$       |  | _              | 4        |     |               | 43         | <u> </u>     |              |          |  |          | _        | _  | _        |    |
| _        | 44       | $\mathbb{H}$   | #            | 1_                 | 1       | <b>L</b> | _        | <u>_</u>     | <b> </b> | _        | Ш         |            |               | 94       | _        |                   | <u> </u> |  | Ш            |          | _              | _  | 4              | _        | L   | _             | 44         | <u> </u>     |              |          | _  | _        | _        |  | _        |    |
|          | 45       | -  | 4            | $\vdash$           | +       | -        | <u> </u> | -            | ₩        | $\vdash$ | Щ         |            |               | 95       |          |                   | L        |  | Н            | _        |                |  | 4              | _        | -   | -             | 45         | ļ            |              | _        | _  | 4        | _        | _  | $\dashv$ |    |
|          | 46       | -  | #            | ╀                  | ├-      | ۱        | <u> </u> | L            | Ͱ        | H        |           |            |               | 96       | _        |                   | <u> </u> | <u> </u>   | $\vdash$     |          |                |  | $\dashv$       | $\dashv$ | Ļ   |               | 46         | $\vdash$     | H            | _        | -  | _        | _        |  | 4        |    |
| 4        | 47<br>48 | - -  | 4            | -                  | ├-      | 1-       | _        | _            | ├        | H        |           |            | 1             | 97<br>98 | -        |                   |          |  | $\sqcup$     |          | _              | _  |                | _        | -   | _             | 47         | <u> </u>     | Н            | _        | 4  | 4        | 4        | _  | 4        |    |
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|          |          | 1 2  | *            | $\vdash$           | ╁╌      | -        | $\vdash$ | -            | -        |          |           |            |               | 00       | $\dashv$ | _                 | $\vdash$ | $\vdash$   |              | $\dashv$ | $\dashv$       | $\dashv$   | $\dashv$       | $\dashv$ | H   | ᆙ             | 49<br>50   | Н            | Н            | $\dashv$ | $\dashv$   | $\dashv$ | -        | -  | $\dashv$ | _  |
| _        | ~~       |  |              | 1                  | 1       |          | ł        | 1            | 1        |          |           |            | . "           | ··       |          |                   |          |  |              |          |                |  | - 1            | - 1      |     | - 15          | ~~         |              | . 1          | - 1      | - 1  | - 1      | - 1      | - 1  | - 1      |    |

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If more than 150 claims or 10 actions staple additional sheet here